Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 30 May 2023 until 23:59 on Wednesday 31 May 2023

Forecast Issued on Tuesday 30 May 2023 at 03:47

Confidence: High for continued dry and mostly fine weather this week.

Headline for Tuesday 30 May 2023: Dry throughout. A mostly cloudy morning then prolonged sunshine developing during the afternoon. Breezy at height.

Mountain weather hazards on Tuesday 30 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny	Sunny	Sunny	Cloudy
Precipitation probability					
<05%	<05%	00%	00%	00%	<05%

Forecast for Tuesday 30 May 2023

Weather: Often cloudy through the morning with the best of any brightness in the west. Cloud lifting and clearing into the afternoon to largely sunny and warm weather. Extensive low cloud moving in from the east towards midnight. Noticeably breezy on exposed ridges and summits.

Chance of cloud-free hill tops above 600m: 60% around dawn in the east, 80% in the west, increasing to 100% in all areas by mid-late morning. Falling from the evening onward to 40% by midnight.

Low cloud and visibility: Widespread cloud above 400m at first, though less extensive and patchier in the west. Cloud lifting clear of all summits by mid-late morning and dissipating during the afternoon to give very good views of distant hills. Further low cloud with bases 400m spreading west by late evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 30 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/24 NE	21/26 NE	18/24 NE	18/24 NE	18/25 NE	19/24 NE	20/26 NE
300	12/14 NE	14/17 NE	13/18 NE	13/19 NE	13/19 NE	12/18 NE	13/19 NE
Valley	6/14 E	10/17 E	10/18 NE	10/18 NE	9/18 NE	6/16 E	8/19 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	7/2	10/6	12/9	11/8	7/3	6/1
300	9/6	10/7	13/10	15/13	14/12	10/8	8/5
Valley	10/9	12/10	15/13	17/15	16/14	11/10	9/7
Freezing Level*	2200m	2100m	2400m	2400m	2400m	2300m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be high again on Tuesday once the cloud clears so adequate sun protection is required. Feeling warm in the afternoon sunshine, especially in valleys so bring plenty of water.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 30 May 2023	0mm	0mm	0mm

Forecast for Wednesday 31 May 2023

Weather: Low cloud overnight remaining extensive and lowering to cover many eastern hills and some central and western upslopes early morning. Cloud lifting by late morning and clearing early afternoon to leave a fine, sunny and rather warm day. Widespread low cloud spreading in from the east again during the evening.

Maximum wind: Easterly 15-20mph, with gusts 25-30mph.

Chance of cloud-free hill tops above 600m: 20% in the east at first, 40% in the west, increasing 100% in all areas from late morning. Falling from the evening onward to 40% by midnight.

Low cloud and visibility: Rather extensive low cloud obscuring tops above 300m at first, especially in the east. Cloud soon lifting clear of all summits and dissipating around midday. Very good views of distant summits likely by the afternoon. Further low cloud, obscuring tops above 400m, spreading west by late evening.

Temperature: **Valleys:** Plus 8 Celsius rising to Plus 18 Celsius
At 600m: Plus 5 Celsius rising to Plus 12 Celsius
Freezing level: Above summits

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